

The Navy of the German Democratic Republic, 7 pp.  
~~UNCLASSIFIED~~

POLISH, per, Morse, No 11, Nov 1957, p 26, Encl to  
58-58, US EA, Warsaw.

OMI Tr 5042769

EE - Germany  
Mil  
May 58

62,853

One Reportant's Club, 3 pp. ~~U.S. GOVERNMENT PRINTING OFFICE~~

POLISH, par, Morse, Aug 1958, Encl to Ser No  
370-58, US MA, Warsaw.

Dept of Navy/OMI 5059222

ES - Poland  
Mil - Sea Knowledge  
Mar 59

83,282

(DC-3772).

Sabotage Operations of the Prewar Anti-Fascist League, (Connection With the Communist Party, The International Seamen's and Dockers' Unions; Its Organization, Operations, Personalities), by Rajmund Szubanski, 4 pp.

POLISH, per, Morze, No 3, 1960, p 7.

JPRS 3249

116421

EEur - Poland  
Soc - Unions, Intelligence, Sabotage  
May 60

(NY-6450)

The Bulgarian Merchant Fleet, by A.  
Byzzak, 5 pp.

ENGLISH, per, Morze, Vol XVII, No 8,  
(1961), pp 10-11

JPRS 1C822

Mar - Island K - 1961  
Econ U 1961, 2-5  
inc 51

The Barents Sea, by L. Dmowski, S. Rotkowicz, 305 pp.  
POLISH, mono, Mors Barentza, Gdynia, 1958.  
CPKCI TR-63-11393

313, 255

Sci -  
Oct 66

Moscow's Satellite Armed Forces, by Dragoljub  
Ristic, 6 pp. UNCL Summary Only

SERBO-CROATIAN, NL, Moscow's Satellite Troops

AY 2255617

UNCL  
NL  
May 59

86, 299

The Mo-so, by Bacot.  
FRENCH, bk, Les Mo-so, Chapters I & II,  
1913, pp 3-28.  
ACSI J-5909  
ID 2204019268

Far East  
Soc  
May 69

380,869

J-841/63

Motion Picture Script. NY-7729 120 -77-

FRENCH, ~~opt script~~.

\*JPRS

Pol  
Jul 63

Motocicleta (Modelo WLA HARLEY - Davidson).

ENGLISH to SPANISH, Training Manual, Motorcycle, Solo  
(Harley-Davidson WLA), TM 9-879, 30 Apr 1948.

Sales Agency  
US Govt Printing Office  
Hq, USARCARIB  
Fort Amador, Canal Zone  
.50

Table of Contents of Motor

POI ISH, per, Motor, No 12, 21-28 Mar 1953.

AF 546129

CIA 2300055

Gasoline or Natural Gas

POLISH, per, Motor, No 12, 21-28 Mar 1953, p 9.

AF 546129

CIA 2300055

Table of Contents and various articles.

POLISH, per, Motor, No 31, 34, 37, 42, 43, 44,  
47, 48, 49, 50, 51. 16-22 Oct 1953.

AF 604906

CIA 2300907

The Soviet Service Bus GZA-651, 2 pp. UNCLASSIFIED

POLISH, per, Motor, No 20, 14-28 May 1954, p 10,  
Encl to IR-261-54, AA Warsaw.

AF 630573

USSR  
EEur - Poland

Economic - *Automotive, Transportation*

CIA D 61638

19, 338

CTS/DEX

Bus ZIS-155 on the Warsaw Streets, 2 pp.  
CLASSIFIED

U.S., per, Motor, No 25, 18-24 Jun 1954, p 10,  
to IR-261-54, AA Warsaw.

AF 63057

Poland

Economic-AUTOMOTIVE, TRANSPORTATION

CIA D 81638

CTS/DRX 19, 337

New Panel Wagon M-20, 2 pp.

POLISH, per, Motor, No 34, 25 Aug 1957.

ACBI, H-1535

EBur - Poland

Econ  
Aug  
enk 58

71,903

New Soviet Heavy Trucks, by Z. M., 2 pp.

POLISH, per, Motor, 13 Jul 1958, p 12.

ACSI, H-2005

BESR

Econ

Nov 58

Army of Modern Motorization, 3 pp.  
POLISH, per, Motor, 17 Aug 1958, p 3.  
ACSI, E-2484

Klur - Poland

Mil

Jul 59

91, 65-4

How Shall We Transport Cement?, 6 pp.

POLISH, per, Motor, No 11, 1958, pp 265, 266.

519th MI Bn  
ID 2144867

Edu - Poland

Econ

129, 921

Oct 60

The Chinese Are Motorizing, 2 pp.

PCNCH, per, Motor, No 41 (333), 12 Oct 1950, p 7

ACSI, H-~~843~~ 3370  
ID 214455

FEB 16

J-5536

(DC-3163).

First Great International Motorcycle Race in the USSR,  
by Gerhard Klompe, 7 pp.

DUTCH, per, Motor, Vol ALV, No 45, The Hague, 7 Nov  
1958, pp 1276-1278. 

JPRS-L-1937-D

USSR - Netherlands  
Soc - Sport, Travel  
Nov 59

101, 630

J-5536

(DC-3164).

Adventures in the Soviet Union, by Gerhard Klompe,  
8 pp.

DUTCH, per, Motor, Vol XLV, No 46, The Hague,  
14 Nov 1958, pp 1299-1301.

JPRS-L-1938-D

USSR - Netherlands  
Soc - Travel  
Nov 59

101, 629

Specialized Rolling Stock for Needs of Internal  
Commerce, by W. Zakrzewski, J. Rostafinski, 3 pp.

POLISH, per, Motor, No 2, 1949, pp 35, 36.

ACSI, II-6067  
ID 2149617

EEur = Poland

129,922

Econ

Oct 60

Polish Motorization in King Figures, by A. Rostocki,  
16 pp.

POLSTL. rev. Motor. No 2. 1950, no 10-51.

ACSI, E-6 6067  
ID 2140917

EEur - Poland

129,920

Econ

Oct 60

Municipal Autobuses, 4 pp.

POLISH, per, Motor, 16 Aug 1959, p 6.

ACSI H-0032  
ID 2144847

MEUR - Econ

Oct 60

FSO-plant; Possibilities and Intentions, by  
Jacek R. Dehnel, ID 2128210.

POLISH, per, Motor, Vol VII, No 23, 1959, p 3.

ACSI H-4965

Mar 60

Of the Factory of Communication Equipment in Mielec,  
by Jacek R. Dehnel, ID 2128210.

POLISH, per Motor, Vol VII, No 23, 1959, p 5.

ACSI H-4965

Mar 60

Running Model of the Motor Car Star 21, by  
Jacek R. Dehnel, ID 2128210.

POLISH, per, Motor, Vol VII, No 23, 1959, p 11.

ACSI K-4965

Mar 60

What and in What Way Can Be Purchased Through the  
Intervention of the PKO Bank, by Jacek R. Dehnel.

POLISH, per, Motor, Vol VII, No 23, 1959, p 11.

ACSI H-4965

Mar 60

In Polish JELCZ - In Czech KAROSA, and LAZ-697 -  
Tourist, by Stefan Kubiak, 2 pp.

POLISH, per, motor, Apr 1960, p 10.

525th MI Rm Bp, H-7050  
ID 2149813

EEur - Poland, Czech

Soc

Oct 60

129,924

Position of Driver in Cab, 2 pp.

POLISH, per, Motor, 12 Mar 1961.

ACSI I-1296  
ID 2196119

Elur - Poland  
Econ  
Jul 54

Motor Continental Modelo W670-9A.

ENGLISH to SPANISH, Training Manual, Continental  
Engine, Model W670-9A, TM 9-1726C, 25 Feb 1947.

Sales Agency  
US Govt Printing Office  
Hq, USARCARIB  
Fort Amador, Canal Zone  
\$.45

The MEU BO 80 Proves Its Legendary Reputation,  
by Walter Ott.  
~~GOVERNMENT USE ONLY~~  
GERMAN, per, Motor und Bild, pp 6-7.  
ARM/FSTC/Hr-23-915-68

Sci-Misc  
July 69

385,323

And Once Again - The V-1, by Hans Lembke,  
Wolfgang Heydeman, 11 pp. UNCL

GERMAN, per, Motor Rundschau, No 15, 1948,  
pp 171, 172.

APIC P-2B-9860/V

Extr - Germany  
Sci - Aero  
Mil  
Apr 59

85,051

Estimation for Automation in Renault Plants,  
by Helmut Heribert, Jochen Pirscher, 7 pp.

GERMANY, per, Motor-Bundesarchiv, Vol. XII, 1958,  
pp T30-T32.

ASDI, Z-3153

Berlin - Germany

Recd

Apr 59

85,071

<p>Piscator.</p> <p>WHAT IS THE STATUS OF COMPOUND GLASS TODAY? ("Was steht das Verbundglas Heute?"). [1962] [63p. (foreign text included). Order from CIA: \$1.10]</p> <p>Transl. of <u>Wissenschaftsausstellung</u> (West Germany) 1962, pp. 121-122.</p> <p>Transl. of <u>Wissenschaftsausstellung</u>, "Verbundglas", pp. 121-122.</p> <p>(Literature Reference, PL, v. 9, no. 7)</p>	<p>62-18826</p> <p>I Piscator</p> <p>62-18826</p> <p>Other: Technical Services</p>
---	--

Motores Hercules: Serie JX Modelos B, C, D, E-3,  
F y CB-JXD; Serie HX Modelos C y D; Serie RX Modelos  
B y C; Serie WXL Modelos C y C-3.

ENGLISH to SPANISH, Training Manual, Hercules Engines:  
Series JX Models B, C, D, E-3, F and CN-JXD; Series  
HX Models C and D; Series RX Models B and C; Series  
WXL Models C and C-3, TM 9-1832A, 2 Apr 1946.

Sales Agency  
US Govt Printing Office  
HQ, USARCARIB  
Fort Amador, Canal Zone  
\$.45

A. Accomplishments of the Soviet Automotive  
Industry, by Engr Jiri Tomsí; B. Trends in Sedans,  
by Engr R. Vykoukal; C. Cars on Our Market.

CZECH, per, Motoristicka Soudcastnost, No 4, 1957,  
pp 348-362; 385-401; 420-429.

ACSI, H-0529, A, B, C

URGENT  
EUR - Czech  
Econ

Jul 58

67,140

The Influence of Mixture Formation Methods  
in Otto Aircraft Engines on Output, Economy and Operation Reliability, by E.  
Vohrer.  
GERMAN, per, MZ; Motortechnische Zeitschrift,  
Vol. 2, 1939, pp 60-6.  
SLA TI-17-1051.

332, 220

Sci  
Jul 17

The Operation of Diesel Engines on Gaseous Fuels With  
a Combined Otto-Diesel Process, by M. J. Mehler.

GERMAN, per, Motortech Z, Apr 1940, pp 101-115.

B.I.C.E.R.A.  
Tr No 52/T2 OT/231

Scientific - Engineering, diesel, fuels, operation,  
engines

Index Aeronicus

Eckert, B.  
COOLING BLOWERS FOR INTERNAL COMBUSTION  
ENGINES (Kühlebläse für Verbrennungsmotoren).  
[1963] [15p] 14refs  
Order from SLA \$1.60

TT-63-20788

Trans. of MTZ [Motortechnische Zeitschrift] (Germany)  
1940, Oct, p. 316-327.

DESCRIPTORS: "Blowers, "Cooling, "internal com-  
bustion engines, Design, Cooling fans, Air-cooled,  
Water,

(Machinery--Engines, TT, v. II, no. 4)

TT-63-20788

I. Eckert, B.

Office of Technical Services

THE POSSIBILITIES OF FUTHER DEVELOPING THE DI  
ESEL ENGINE - AUTOMOBILES

MEURER S LANGUAGE-GW COUNTRY-GW

MOTOR TECHNISCHE ZEITSCHRIFT JAN 1941 NO 1-2  
VOL 6 PP 3-11

FSTC-HT-23-2598-72

<p>Kimmel, A. INFLUENCE OF THE MASTER-AND LINK ROD SYSTEM ON THE TORSIONALS OF V-ENGINES. [1963] 6p Order from SLA \$1.10</p> <p>Trans. of MTZ: [Motortechnische Zeitschrift] (Germany) 1981, v. 3, p. 18-27. Another trans. is available from SLA as 58-931.</p> <p>DESCRIPTORS: *Airplane engines, Engine structures, *Connecting rods, *Torsion bars,</p> <p>(Machinery--Engines, TT, v. 11, no. 3)</p>	<p>TT-63-16653</p> <p>I. Kimmel, A.</p> <p>TT-63-16653</p> <p>Office of Technical Services</p>
--	--

The Measurement of the Ignition Lag of  
Compressed Fuel and Air Mixtures for the  
Purpose of Investigating the Tendency  
to Knocking, by M. Scheuermayer.

GERMAN, per, Motortech Z., Vol V, No 8-9,  
1943, pp 229-235.

ASLIB-4B39

Sci

72,983

Aug 58

The Kutzbach Method for the Graphical Analysis of  
Natural Torsional Oscillations, by W. Beck, 13 p.

GERMAN, per, MTZ, Motortech Zeit, 1943, Vol V,  
No 8/9, pp 242-248.

SLA 59-17724

Sci  
Mar 60  
Vol 2, No 11

109,637

<p>Benz, Walter. NECKED TENSION BOLT, STRAINS AND STRESSES, TORQUE WRENCH (Dahnmutter, Spannkraft, Drehmomentchlüssel). [1963] [1sp] (foreign: text in- cluded) 3 refs Order from SLA \$1.60</p> <p>63-20281</p> <p>Trans. of MTZ: Motortechnische Zeitschrift (West Germany) 1948, v. 9, no. 3, p. 33-36.</p> <p>DESCRIPTORS: *Bolts, Design, Mechanical properties</p> <p>(Machinery--Machine Parts, TT, v. 10, no. 12)</p>	<p>I. Benz, W.</p> <p>63-20281</p> <p>Office of Technical Services</p>	
---	--	--

Photoelasticity in Engine Construction,  
by Georg Oppel. GOVERNMENT USE ONLY  
GERMAN, per, Motortechnische Z, Vol X, No 6,  
1949, pp 126-133. 9695514  
DDC RSIC-252

Sci - Eng  
Jan 65                    270,695

Experiences With Exhaust Gas Oxygen Operation in the  
Otto Engine, by Prof Dr Ing Otto Holfelder, 13 pp.

*Motorotechnische Zeitschrift*  
GERMAN, per, ~~Machine~~, Vol XIII, No 1, Jan 1952,  
pp 4 - 9.

CIA/RID 2-13

Scientific - Engineering

Jul 52 OTS DEX ASCII Tr 546

Exhaust-Gas Turbines and Turbochargers Made by the  
Holzwarth Gasturbinen-GMBH, by H. Keller.  
*Mototechnische Zeitschrift.*  
GERMAN, MZ, pp 38-40, 61-63, 1952.

B.I.C.E.R.A. Trans 52/T3, OT/353

EEur - Germany  
Scientific -

Index Aeronauticsu

The Acceleration Characteristics of a Diesel  
Engine With Exhaust-Gas Turbocharger<sup>s</sup>, by K. Zinner  
GERMAN, <sup>pol.</sup> <sup>→</sup> Motorotechnische Zeitschrift  
1952, pp 41-44, 64-66.

Translation issued by B.I.C.E.R.A. 52/T<sup>4</sup>  
OT/354

Index Aeronauticus, OCT. 1952

The Prediction of Performance of Exhaust-Gas  
Turbines, by W. Vogel.

GERMAN, per, Motortechnische Z, 1953, pp 149-155.

Sci - Engr

Jan 61

BICERA  
5b/74 OT/3841  
Ministry of Aviation  
TIL 1(a)  
First Avenue House  
High Holborn  
London, WC.1, England

137,370

Lampe, Curt.  
BASIC OUTLINE OF THE DEVELOPMENT OF  
DIESEL LOCOMOTIVES BY THE GERMAN FEDERAL  
RAILROADS. [1963] [8p] 5refs  
Order from SLA \$1.10

TT-63-16629

Trans. of MTZ; Motortechnische Zeitschrift (West  
Germany) 1953, v. 14, no. 8, p. 225-228.  
Another trans. is available from SLA as 58-876.

DESCRIPTORS: \*Railroads, \*Locomotives, \*Diesel  
engines, Power equipment.

(Machinery--Transport, TT, v. 11, no. 4)

TT-63-16629

I. Lampe, C.

Office of Technical Services

DIESEL-HYDRAULIC 1220/1100 HP KRUPP LOCOMOTIVE WITH SINGLE AXLE DRIVE. [1963] (6) p.  
Order from SLA \$1.10 63-16440

Trans. of MTZ [Motortechnische Zeitschrift] (West Germany) 1953, v. 14, no. 8, p. 254-256.  
Another trans. is available from SLA as 58-875.

DESCRIPTORS: \*Locomotives, Drives, \*Automatic transmissions, Diesel engines, Design, Hydraulic systems.

63-16440

(Machinery--Transport, TT, v. 10, no. 8)

Bureau of Technical Services

Operating Temperatures at the Injection Nozzles  
of Two-Stroke Cycle Diesel Engines, by A. Pischin-  
ger, 18 pp.

GERMAN, per, Motortech Z., Vol XIV, No 11, 1953.  
pp 317-323.

Assoc Tech Serv  
61F2G

Sci

71,356

Aug 58

Brief Analysis Concerning White Metal and Lead-Bronze Alloys for Bearings, as Well as Bearing Troubles, by Hans Betz. UNCLASSIFIED

GERMAN, per, MTZ, Vol XIV, 1953, pp 359-363.

*Mototechnik*

\*Navy Tr /BuShips

Scientific - Minerals/Metals

Experiments on Heat Transfer in an Otto Engine, by  
Brocinsky H. J.

GERMAN, per, Motortech, Z., Vol XV, No 3, <sup>Mar</sup> 1954,  
March, pp 61-69.

Assoc Tech Sv      33,050  
OSWAG

Sci - Engineering, Electricity

(S 13.20)

Buschmann.

THE "M" PROCESS USED IN DIESEL ENGINES  
PRODUCED BY M. A. N. NURNBERG, 26 July 54 [6p].  
Order from SLA \$1.10

63-16443

63-16443

I. Buschmann

Trans. of MTZ (Motorentechnische Zeitschrift) (West Germany) 1954, v. 15, no. 4, p. 105-106.  
Another trans. is available from SLA as 58-897.

DESCRIPTORS: \*Diesel engines, Combustion,  
\*Combustion chambers, \*Pistons, \*Fuel injection,  
Design, Lubrication.

(Machinery--Engines, TT, v. 10, no. 8)

Office of Technical Services

Boosting the Power Output of Two-Stroke Engines  
With Exhaust Gas Turbo-Supercharging, by Baumann.  
G.

GERMAN, per, Motortech. Z., Vol XV, No 7, July 1954,  
pp 189-199.

Assoc Tech Serv 3305/  
064G

Sci - Engineering, Electricity

(1835)

Knowledge on the Subject of Wear, by  
Hans L. Hockel, 11 pp.

GERMAN, per, Motoren Tech Zeit, Vol XV, 1954,  
pp 70-75.

25,762 CIA/PDD/2-154

Scientific - Engineering Aug 55 CTS/DEX

The Westfalia Oil-Separator With Self-Emptying Drum for the Purification of Heavy Oils for Ship-board Use, by H. Hesfort, 4 pp.

GERMAN, per, Motortechnische Zeitschrift, Vol XV,  
No 7, Jul 1954, pp 201-203.

CIA/FDD/Z-1A1

Scientific - Fuels

OTS 67/Apr 1955

22,745

Suppression of Body and Hull Noises by Elastically  
("floating") Mounted Motors and Engines, by  
Erich Stolte.

GERMAN, per, Motortechnische Zeits., Vol XV, No 11,  
Nov 1954, pp 315-322.

NAVY Tr 1325/BuShips Tr 607

Sci • Engineering 34,966

May 1956

<p>Eckert, Bruno. TRENDS AND PROSPECTS OF GAS TURBINE DEVELOPMENT PARTICULARLY FOR NON-STATIONARY INSTALLATIONS. [1962] [63] p. 8 refs. Available on loan from SLA</p> <p>62-18798</p> <p>Trans. of MTZ: Motortechnische Zeitschrift (West Germany) 1955, v. 16, no. 2, p. 32-42 and no. 3, p. 68-73.</p> <p>DESCRIPTORS: *Gas turbines, Economics, Combustion chambers, Thermal stresses, Aircraft, Marine engines, Locomotives, Power plants, Propulsion, Effectiveness.</p> <p>(Machinery--Engines, TT, v. 8, no. 12)</p>	<p>62-18798</p> <p>I. Eckert, B.</p> <p>Office of Technical Services</p>	
--	--	--

Comparative Experiments and Observations on Use  
of Heavy Oil, by W. Pflaum, 38 pp.

GERMAN, per, Motortech Z., Vol XVI, 5 May 1955,  
pp 117-123.

SLA Tr 57-1936

Sci - Mech Engr

Jul 58

67,907

Scherenberg, H.  
25 YEARS OF GERMAN GASOLINE INJECTION IN  
RETROSPECT. [1962] [37]p.  
Order from SLA \$3.60

62-18797

Trans. of MTZ [Motortechnische Zeitschrift] (West  
Germany) 1955, v. 16 [no. 9] p. 245-254.

DESCRIPTORS: \*Fuel injectors, \*Internal combustion  
engines, Vehicles, \*Airplane engines, Fuel consump-  
tion, Fuel pumps, Valves, Nozzles, Control,

(Machinery-Engines, TT, v. 10, no. 1)

62-18797

I. Scherenberg, H.

Office of Technical Services

Investigation of Hydrodynamic Couplings, by U. Oprecht.

GERMAN, per, MTZ, Vol XVI, 1955, pp 285-290.

DSIR/28735/CT

Sci - Engineering  
Sep 57

52, 390

The Production of Cast Blades and Bladed Rotors  
by the Sulzer Precision Casting Process, by F.  
Eisermann.

German  
BEGRIFF, per, MTZ, Vol XVI, No 11, 1955, pp 319-  
326.

T.I.L. T-4687

Sci - Engineering

36,919

Aug 1956

<p>Hryniak, Waldemar. THE PRESENT STATE OF GAS TURBINE DEVELOPMENT (Derzeitiger Stand der Gasturbinenentwicklung). [1962] [90]p. (foreign text included) 59 refs. Order from SLA \$3.10 62-18742</p> <p>Trans. of MTZ [Motortechnische Zeitschrift] (West Germany) 1956; v. 17, no. 1, p. 16-29; no. 2, p. 53-53; no. 3, p. 32-90.</p> <p>DESCRIPTIONS: *Gas turbines, Design, *Fuels, Coal, Fuel oil, Natural gas, Petroleum, Fuel consumption, Combustion chambers, Exhaust gases, Industrial plants, Power supplies, *Gas generator engines, *Airplane engines, *Marine engines, *Locomotives, *Passenger vehicles, Propulsion, *Turbine parts, Bibliography</p> <p>(Archives--Germany, 1945-1990, nos. 1)</p>	<p>62-18742</p> <p>I. Hryniak, ". 62-18742</p> <p>Office of Technical Services</p>
---	--

Durability of Mechanically Stressed Parts in  
Combustion Engines with Examples from Practical  
Experience, by H. von Kienlein.  
GERMAN, por, MTZ, Vol 17, Feb 1956, pp 33-38.  
\*BISI 7347

Sci/Materials

Jun 69

384,513

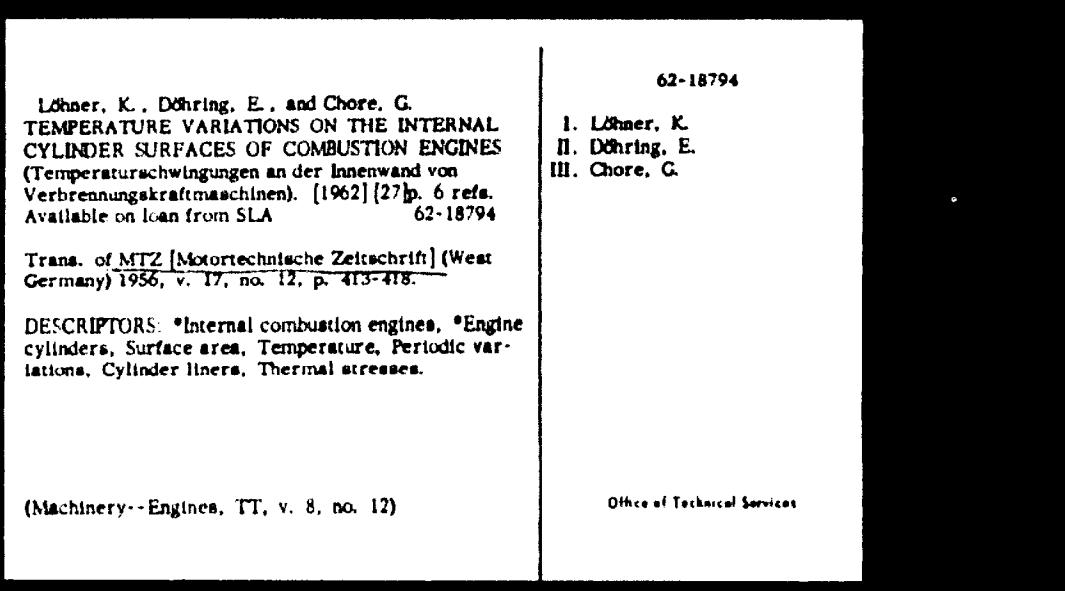
Fuel Tolerance of the Air Cooled MWM Single-Cylinder Diesel Engine AKD 312 With Constant-Pressure Precombustion Chamber, by K. Kollmann.

GERMANY, per, Motortechnische Z., Vol XVII,  
No 8, 1956, pp 259-264.

CSIRO

211, 46 1

Sci - Engr  
Aug 62



Trans. of MTZ [Motortechnische Zeitschrift] (West Germany) 1956, v. 17, no. 9, p. 306-313.

DESCRIPTORS: \*Benzene, Injection, Octane, \*Fuels.

62-22840

I. Vogel, K.  
II. K-H-5413  
III. Kreage-Hooker Science  
Library Associates,  
Detroit, Mich.

(Materials--Fuels, TT, v. 9, no. 1)

**Office of Technical Services**

Thermal Processes in the Cylinder of a Diesel Engine During Starting, by H. Detmold.

GERMAN, per, Motortechnische Z., Mar 1957, pp 61-63.

ASLIB-GB13

Sci

Jul 59

92, 548

Measurements of Exhaust Gases in Diesel Engines  
by H. Stoll, H. Bauer, 24 p.

<sup>R</sup>  
GERMAN, per, MEZ, 1957, Vol XVIII, No 5,  
pp 127-131.

SLA 59-17621

Sci  
Apr 60  
Vol III, No 3

111, 966

Contribution to Improved Combustion in Anti-Chamber Diesel Engines, by F. Nagas, Kakinoto.

GERMAN, per, Motortechnische Z., Vol XVIII,  
1957, pp 301-306.

CSIRO

Sci - Engr  
May 62

196, 615

	62-18740
Gadow, J. LARGE SIZE OIL COOLED LIGHT METAL PISTON (Leichtmetall-Großkolben mit Öl Kühlung). [1962] [10]p. (foreign text included). Order from STLA \$1.10	I. Gadow, J.
Trans. of MTZ [Motortechnische Zeitschrift] (West Germany) 1967, v. 18, no. 11, p. 363-365.	62-18740
DESCRIPTORS: *Pistons, Aluminum castings, Cooling, *Coolants, *Oil*, Internal combustion engines.	
In a short survey is described how cooling of light metal pistons can give improved performance in internal combustion engines. From the many possible solutions a few have been selected, which are employed successfully for series equipment and the realization of which is economical. Besides several cooling methods for cast aluminum pistons also a (Machinery--Machine Parts, TF, v. 9, no. 12) (over)	Office of Technical Services

Contribution to the Question of the Efficacy  
of Diesel Fuel Additives, by Mureur.

GERMAN, per, Motortechnische Z., Vol XVIII,  
No XX, 12, 1957.

CSIRO

211,468

Sci - Fuels  
Aug 62

Cooling of Gas Turbin Discs, by I. T. Schwez,  
E. P. Dybas.

GERMAN, per, Motortechnische Zeitschrift, Vol XVIII,  
No 12, 1957, pp 394-396.

C.S.I.R.O.

Sci

May 60

115,756

Approximate Method for the Rapid Design of  
Turbochargers for 2-Stroke Diesel Engines, by  
A. Reinhart.

GERMANY, per, Motortchnische Zeitschrift, Vol XIX,  
No 1, 1958, pp 2-9.

C.S.I.R.O.

Sci

May 60

115,754

The DIME Multi-Fuel Diesel Engine, by Richard Kloss, 19 pp.

GERMAN, per, Motortechnische Zeitschrift, Vol XIII,  
No 9, 1958, pp 299-303.

6  
ARIC F-88-9725/V

Sci - Engr  
Apr 59

85,011

Combustion Bomb Tests of Diesel Combustion  
Under Engine Conditions, by A. Pischinger,  
F. Pischinger, 17 p.

GERMAN, per, MTZ; Motor Zeitschrift, 1959, Vol XI,  
No 1, pp 1-4.

SLA 59-17519

Sci  
Jan 60  
Vol 2, No 8

105,513

Investigations of the Temperature Patterns in the  
Cylinders of Air and Water-Cooled Farm Tractor Diesel  
Engines, by Artur Seifert. UNCLASSIFIED

GERMAN, per, Motortechnische Zeitschrift, Vol XX,  
No 3, Mar 1959, pp 73-81.

avy 2548/BuShips 687  
118,717

Sci - Engt  
Jun 60

The Bural-Perimatic Piston, a Modern Operating  
Piston for Diesel Engines, by Helmut Immler,  
For GOVERNMENT USE ONLY.  
GERMAN, per, MITZ-MOTORENTECHNISCHE ZEITSCHRIFT,  
No. 3, pp 90-93.  
FSTC-HT-23-40b-67

Sci/Mech Eng.  
Jan 68

345,938

R-399-N/B

Kraftstoffeinspritzung und Verbrennung in der  
Wirkelkammer des Dieselmotors.

GERMAN, per, Motortech Z, Vol XX, No 6, 1959, pp  
303-305.

\*JPRS for Eq, USArmy Ord Ars Det

21 Oct 60

Mack-Mezydro-Power-Transmissions for Medium  
and High Capacity Diesel-Hydraulic Locomotives,  
by Friedrich Koch, 37 pp.

GERMAN, per, MTZ Motortechnische Z, Vol XX, No 7,  
1953, pp 268-275.

SLA 60-14500

Sci

Apr 61

OMS, Vol III, No 12

163,248

R-466-N/B

Fuel Injection and Combustion in the Swirl Chamber  
of the Diesel Engine, by F. Nagas, Kakimoto.

GERMAN, per, Motortechnische Z., Vol XX, No 8,  
1959, pp 183-305.

\*JPRS for Hq, US Army Ord Ars Det

Sci - Engr

25 Jan 61

Fuel Injection and Combustion in the  
Swirl Chamber of a Diesel Engine, by F. Nagao,  
H. Makimoto.

GERMAN, per, Motortechnische Z., 1959,  
pp ~~XXXIX~~ 303-305.

CSIRO

207,603

Sci - Engr  
Jul 62

Turbo Cooling, by Fritz Eberhart, 13 p.

GERMAN, per, MTZ (Motortechnische Zeit.), 1959,  
Vol XX, No 8, pp 313-316.

SLA 60-10043

Sci  
Apr 60  
Vol III, No 3

111, 964

Bomb Tests Dealing With Ignition Delay in Diesel  
Combustion, by F. Pischinger.  
GERMAN, per, Motortechnische Zeitschrift, Vol 21,  
No 1, 1960, pp 1-8.  
NTC-71-12077-21B

12/1/71 - 3-tp  
Nov 71

R-575-M

Heat Transfer in the Cylinder Head and Cylinder  
of High Speed Air Cooled Gasoline and Diesel  
Engines, by Konrad Eckart.

IRVAT, per, Motortechnische Z (MTZ), Vol XXII,  
No 2, 1961, pp 37-44.

\*JPRS for Army Ord Ars Det

Jci - Engr

Jan 61

Cooling of Compressed Air For  
Gas Turbines, by N. Gasparovic, 13 pp.  
GERMAN, per, MTZ/Motor Technische  
Zeitschrift, Vol XXII, No 1, 1961,  
Jan pp 23-25.  
ACSI I-9284  
ID 2204009966

Sci-Pubs  
Apr 66 298,693

Torque Variation of Small Two-Shaft Gas  
Turbines, by K. Leist, H. Ostenrath, 17 pp.  
FOR OFFICIAL USE ONLY  
GERMAN, per, Motortechnische Z., Vol XXII,  
1961, No 3, pp 94-99. 9699863  
ESTC 381-T65-684

Sci - Eng  
Mar 00 297,568

Some Thoughts About Simple Processes  
of Gas Turbines Without Heat Exchanges,  
by M. Oehnichen, 16 pp.  
GERMAN, per, MTZ Motor Technische  
Zeitschrift, Vol XXIII, No 4, 1961,  
pp 139-144.  
ACSI I-9191  
ID 2204004566

Sci-Puels  
Apr 66

299.552

Methods of Photographing Rapid Motion Events in Jet,  
Flow and Material Research, by Frank Frungel,  
12 pp. FOR OFFICIAL USE ONLY

GERMAN, per, Nototechnische Z, Vol XXII, No 5,  
1961, pp 155-159.

Navy Tr 3111/BuShips Tr 769

sci - engr

191,526

apr 62

Drinking Water Supply of Karachi-Driven by  
Five Pressure-Charged M.A. N. Diesel Gas  
Engines of 7600 H. P. Total, by W. Klaunig.  
GERMAN, per, MTZ, Vol 22, No 6, 1961, pp 199-203  
GB/327

Sci -  
Jul 67

335,010

A Contribution for Designing Single-Stage  
90 Degree Type Centripetal Turbines,  
by W. Kolb, 11 pp.  
GERMAN, per, MTZ Motortechnische  
Zeitschrift, Vol XXII, No 6, 1961,  
pp 204-207.  
ACSI I-9171  
ID 2204002566

FILED - 4-12-66

SEARCHED - INDEXED - SERIALIZED - FILED

Sci- Engr  
Apr 66

299,555

Measurements for Determination of Piston Flutter  
in High Speed Reciprocating Engines, by  
H. Steinhrenner, 16 pp.  
GERMAN, per, Motortechnische Zeitschrift, Vol XXII,  
No 7, 1961, pp 261-265. 9220856  
A.C.S.I.L. Tr 1508

Sci - Engr  
May 64

258,995